

Appn No. 10/727245
Amtd. Dated: August 22, 2006
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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A printer controller for supplying dot data to a printhead in a predetermined order, the printhead comprising at least first and second printhead modules, each of which comprises a plurality of printing nozzles ~~and spanning a respectively different printing width, the printhead modules being disposed adjacent each other such that a printing width of the printhead is wider than a~~~~each of the respective printing width widths~~ of either of the printhead modules, the printer controller being configured to order and time supply of the dot data to the printhead modules in accordance with their respective printing widths, such that ~~a~~~~the difference in relative~~~~the printing~~ widths of the printhead modules is at least partially compensated for.
2. (Original) A printer controller according to claim 1, wherein each of the printhead modules comprises a plurality of rows of the printing nozzles, the controller being configured to supply the dot data to the rows of nozzles in serial form.
3. (Original) A printer controller according to claim 2, wherein each of the printhead modules comprises one or more parallel pairs of the rows, the controller being configured to serially supply the data to a first of each of the rows of nozzles in the or each pair of rows, the data being serially clocked through the first row of the or each pair of rows, then through a second row of the or each pair of rows, until all printhead nozzles have received their respective data.
4. (Original) A printer controller according to claim 3, wherein the data is clocked through the second row in a direction substantially opposite to that in which it was clocked through the first row.

5-8. (Cancelled)